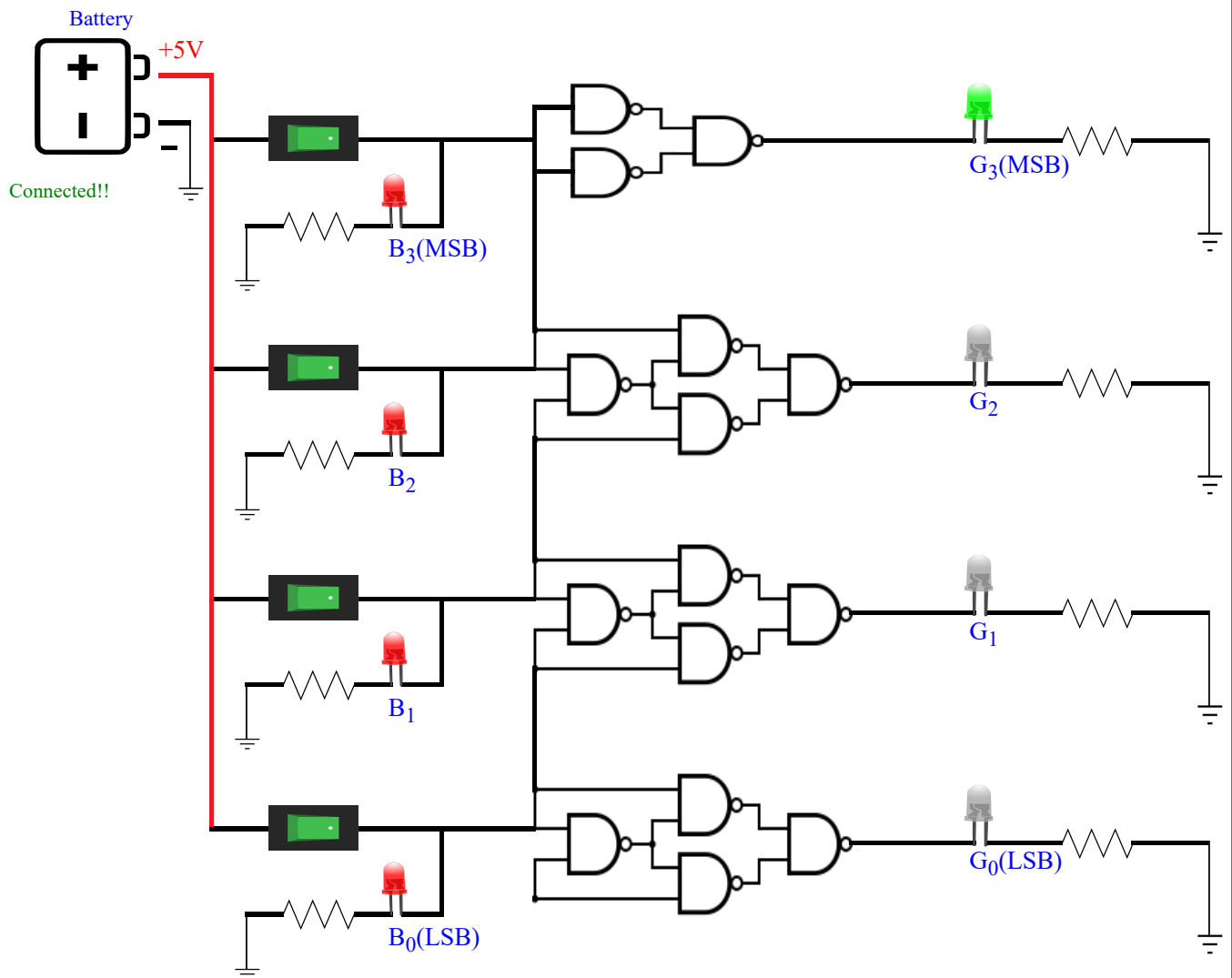


Instructions

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Construction of Binary to Gray Converter using NAND gates only



TRUTH TABLE

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Serial No.	Binary				Gray			
	B ₃ (MSB)	B ₂	B ₁	B ₀ (LSB)	G ₃ (MSB)	G ₂	G ₁	G ₀ (LSB)
1	1	0	0	0	1	1	0	0
2	1	1	0	0	1	0	1	0
3	1	1	1	0	1	0	0	1
4	1	1	1	1	1	0	0	0
5	0	1	1	1	0	1	0	0
6	1	0	1	1	1	1	1	0
7	1	1	0	1	1	0	1	1
8	1	1	1	0	1	0	0	1

